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### Profile Summary

- results-driven professional with 5 years of experience in successfully maintaining, executing and implementing **fire alarm systems, fire security systems, fire hydrant and sprinkler system, elv systems, and passive systems.**  
Specialized in government, mnc projects, with **2 years of experience in dell projects** (hyderabad) and **1 year in isro, ahmadabad projects** (s.a.c).
- currently serving as a **senior engineer at zap fire pvt ltd.**, overseeing the maintenance, supply, installation testing, and commissioning of **fire alarm systems, fire hydrant and sprinkler systems, vesda, and pre- action systems.**
- adept at managing maintenance, project activities and site operations, including the coordination of utilities, machinery, and manpower requirements. Proficient in supervising the installation of **sprinkler and hydrant systems, fas, cctv, acs, pas, pre-action, wld, rrs, vesda**, in various prestigious projects such as dell hyderabad, isro ahmadabad, isro trivandam (v.f.s.c), iron mountain (bangalore), jubilant foodworks.
- demonstrated expertise in elv and hydrant & sprinkler systems, optimizing operational efficiency, and ensuring timely maintenance, trouble shooting, project completion while maximizing resource utilization. Proven ability to diagnose faults, conduct fault diagnosis, and implement effective rectification strategies to enhance system performance.
- highly skilled in coordinating technical issues, identifying, and resolving system issues, supporting the design team in drawings preparation, implementing quality standards. Adept at employing various techniques to improve maintenance activities.
- possess analytical and problem-solving capabilities with time management skills and team management skills.



### Areas of Expertise

Project Execution



Team Management



Billing Collection



Project Handover



Testing & Troubleshooting



ELV Engineering



Vendor Management



Client Relationship Management



PROJECT AND SERVICE ENGINEER  
AT FIREWIN SEPTEMBER/2024- PRESENT



- Maintenance service for Fire alarm Panel.
- Maintenance service for P.A system.
- Maintenance Services for Access control system.
- Maintenance & installation of CCTV, RRS, WLD.
- Maintenance of Fire pump DG.

- ⦿ Performed root cause analysis of problems, documented faults in the tracking system, and generated daily reports to ensure effective issue resolution.
- ⦿ Ensured timely complaint resolve, troubleshooting through hands-on collaboration with the team, overseeing work progress, and addressing any challenges. WWW2
- ⦿ Actively communicated with team leaders, fostering strong collaboration, and providing clear guidance for troubleshooting.
- ⦿ Maintained TPM schedules by monitoring progress, coordinating activities, and proactively resolving any arising Conduct site coordination with the team and closely monitor project status to ensure adherence to project schedules.
- ⦿ Undertake regular inspections to ensure safety compliance, accident prevention, and adherence to standard operating procedures (SOPs), including conducting safety training sessions.
- ⦿ Design and layout new systems, prepare technical specifications, Bill of Quantities (BOQ), and Bill of Materials (BOM).
- ⦿ Manage project activities, including cost control, resource deployment, time management, quality compliance, inspections, and manpower planning to ensure timely execution of project deliverables. ☐ Collaborate with clients, contractors, and local officials to obtain necessary approvals and clearances. ☐ Evaluate and assign resources such as labor, materials, consumables, equipment, and tools required for mechanical and related works before project execution.

## Professional Experience

**Senior Engineer, ZAPFIRE**  
**FEB 2020 TO AUGEST/2024**



**Ongoing Project: ISRO, AEHMADABAD (Modification of hydrant line and implementation of sprinkler systems)**

**Period: Since May'2023**

- ⦿ Conduct site coordination with the team and closely monitor project status to ensure adherence to project schedules.
- ⦿ Undertake regular inspections to ensure safety compliance, accident prevention, and adherence to standard operating procedures (SOPs), including conducting safety training sessions.
- ⦿ Design and layout new systems, prepare technical specifications, Bill of Quantities (BOQ), and Bill of Materials (BOM).
- ⦿ Manage project activities, including cost control, resource deployment, time management, quality compliance, inspections, and manpower planning to ensure timely execution of project deliverables. ☐ Collaborate with clients, contractors, and local officials to obtain necessary approvals and clearances. ☐ Evaluate and assign resources such as labor, materials, consumables, equipment, and tools required for mechanical and related works before project execution.
- ⦿ Plan and schedule assignments to achieve preset goals within defined time parameters, while preparing and submitting site daily reports, inspection requests, estimates, and monitoring reports regularly or as required.
- ⦿ Ensure all work is in accordance with approved contract documents, project specifications, and applicable standards (Local, national, or international).
- ⦿ Conduct field site inspections to observe and evaluate facilities, structures, and collect field survey data and measurements.



## Previous Projects

### 1. DELL International Services, Hyderabad

- ⦿ Successfully managed projects at DELL HYDRABAD related to Fire Sprinkler & Hydrant, PRE-ACTION SYSTEM, ensuring timely completion and adherence to quality standards.

- ▣ Built strong partnerships with teams, vendors, and contractors, fostering effective collaboration, and achieving project goals.
- ▣ Developed and implemented project plans, assigning tasks to appropriate teams, and ensuring smooth workflow throughout construction.
- ▣ Led meetings with internal team members, consultants, and contractors, facilitating effective communication and coordination.
- Monitored project timelines, personal performance, and cost efficiency, ensuring projects were delivered within budget and on schedule.
- Proactively identified and mitigated project risks and issues, ensuring successful project outcomes. ▣ Managed contracts with vendors and suppliers, optimizing resource allocation and maintaining high-quality standards.
- Identified needs and coordinated resources allocation to deliver quality standard on time and within budget.
- ▣ Conducted regular inspections of job sites, ensuring adherence to quality standards and monitoring progress.
- ▣ Provided team leadership, defining objectives and roles for individuals, and fostering a high-performance work environment.

## Previous Experience

Service Engineer, HOCS Fire and Security Systems Pvt. Ltd., Hyderabad  
Since May'18- Jan'20



### Service Engineer

- ▣ Maintenance service for Fire alarm Panel.
- Maintenance service for P.A system.
- ◀ Maintenance Services for Access control system.
- ▣ Maintenance & installation of CCTV, RRS, WLD.
- Maintenance of Fire pump DG.
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- Performed root cause analysis of problems, documented faults in the tracking system, and generated daily reports to ensure effective issue resolution.
- Ensured timely complaint resolve, troubleshooting through hands-on collaboration with the team, overseeing work progress, and addressing any challenges.
- ▣ Actively communicated with team leaders, fostering strong collaboration, and providing clear guidance for troubleshooting.
- Maintained TPM schedules by monitoring progress, coordinating activities, and proactively resolving any arising problems.

## Academic Details

2010; New Barrackpore Colony Boys High School, SSC – 67%

2013; Kodalia Agapur Boys High School, Intermediate – 50%

2017; Dr.A.P.J Abdul Kalam University, Indore ,B.E in Electrical & Electronic Engineering – 7.37

### Academic Projects

Water level Indication & Automatic Shutdown System

When the water is below the over flow level it will make an indication to the customer and automatically switched off the motor by using relay.

### Personal Details

Date of Birth: 10/04/1995 Languages:

English, Bengali & Hindi

Present Address: 14no. Main Road East, New Barrackpore, Near Sukh Sagar Lodge, Kolkata- 700131